

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of claims:

1. (currently amended) A block copolymer comprising:

at least two S polymer blocks, each comprising at least 70 % by weight of vinyl aromatic hydrocarbon monomer units, and

one or more B polymer blocks selected from the following polymer blocks (a), (b) and (c):

(a) a polymer block comprising isoprene monomer units or comprising isoprene monomer units and vinyl aromatic hydrocarbon monomer units,

(b) a polymer block comprising 1,3-butadiene monomer units or comprising 1,3-butadiene monomer units and vinyl aromatic hydrocarbon monomer units, and

(c) a polymer block comprising isoprene monomer units and 1,3-butadiene monomer units or comprising isoprene monomer units, 1,3-butadiene monomer units and vinyl aromatic hydrocarbon monomer units,

wherein the content of the vinyl aromatic hydrocarbon monomer units in each of said polymer blocks (a) to (c) is less than 70 % by weight,

~~wherein said one or more B polymer blocks are comprised of one system selected from the group consisting of (B-1) to (B-5):~~

(B-1) at least one polymer block (a) and at least one polymer block (b) are present in combination as said one or more B polymer blocks,

(B-2) at least one polymer block (a) and at least one polymer block (c) are present in combination as said one or more B polymer blocks,

(B-3) at least one polymer block (a), at least one polymer block (b) and at least one polymer block (c) are present in combination as said one or more B polymer blocks,

(B-4) at least one polymer block (b) and at least one polymer block (c) are present in combination as said one or more B polymer blocks, and or

(B-5) at least one polymer block (c) alone is present as said one or more B polymer blocks,

the amount of the vinyl aromatic hydrocarbon monomer units in said block copolymer and the total amount of the isoprene monomer units and the 1,3-butadiene monomer units in said block copolymer being, respectively, from 60 to 95 % by weight and from 40 to 5 % by weight, each based on the weight of said block copolymer,

said block copolymer having an isoprene monomer unit/1,3-butadiene monomer unit weight ratio of from 45/55 to 97/3, and

wherein the vinyl aromatic hydrocarbon monomer unit moiety of said block copolymer has a short segment ratio of from 0 to 30 % by weight, wherein said short segment ratio is defined as the weight

percentage, based on the total weight of vinyl aromatic hydrocarbon monomer units contained in said block copolymer, of the vinyl aromatic hydrocarbon monomer units contained in at least one short segment consisting of 1 to 3 vinyl aromatic hydrocarbon monomer units.

2. (currently amended) The block copolymer according to claim 1, which comprises (B-5) at least one polymer block (c) alone as said one or more B polymer ~~block~~ blocks.

3. (currently amended) The block copolymer according to claim 1, which comprises (B-1) at least one polymer block (a) and at least one polymer block (b) in combination as said one or more B polymer ~~block~~ blocks.

4. (original) The block copolymer according to claim 1, wherein said isoprene monomer unit/1,3-butadiene monomer unit weight ratio is in the range of from 55/45 to 95/5.

5. (original) The block copolymer according to claim 1, wherein said short segment ratio is in the range of from 1 to 25 % by weight.

6. (original) The block copolymer according to claim 1, which is a linear block copolymer.

7. (original) A block copolymer composition comprising 100 parts by weight of the block copolymer of any one of claims 1 to 6 and 0.05 to 3 parts by weight of at least one stabilizer which is selected from the group consisting of 2-(1-(2-hydroxy-3,5-di-t-pentylphenyl)ethyl)-4,6-di-t-pentylphenyl acrylate, 2-t-butyl-6-(3-t-butyl-2-hydroxy-5-methylbenzyl)-4-methylphenyl acrylate, and 2,4-bis((octylthio)methyl)-o-cresol.

8. (original) A block copolymer/styrene resin composition comprising 10 to 99 % by weight of the block copolymer of any one of claims 1 to 6 and 90 to 1 % by weight of a styrene resin.

9. (original) A block copolymer/styrene resin composition comprising the block copolymer composition of claim 7 and a styrene resin, wherein the weight ratio of the block copolymer present in said block copolymer composition to said styrene resin is 10/90 to 99/1.